

Joshua Do

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| [Portfolio: joshuado.com](https://joshuado.com) |
| [LinkedIn: Joshua Do](#) |
| [Portfolio: Graphic Design](#) |

EDUCATION

Northwestern University

Bachelor of Arts in Computer Science, Concentration in Human-Computer Interaction

Evanston, IL

Expected Graduation, June 2025

Relevant Coursework: Data Structures & Algorithms, Artificial Intelligence, Scalable Software Architectures, Interactive Information Visualization, Human-Computer Interaction, UI/UX Design, and Technology & Human Interaction

TECHNICAL SKILLS

Languages: C/C++, Python, JavaScript, SQL, HTML/CSS, Java

Development Tools/Frameworks: Node JS, React JS, Docker, AWS

Database Management: MySQL

Software/Applications: VS Code, Git, Figma, Adobe Creative Cloud, Webflow

PROJECTS

[Serverless Cloud Application for PDF Analysis](#) | Python, SQL, AWS Lambda, S3, API Gateway

November, 2024

- Designed a serverless, event-driven application to analyze PDFs using AWS Lambda, API Gateway, and S3.
- Implemented an asynchronous API for file uploads, analysis retrieval, and user management via MySQL.
- Added authentication with token-based access control for secure operations.

[DreamMachine](#) | Python, OpenAI API, JavaScript, HTML, CSS

August, 2024

- Created a web application utilizing the OpenAI API to generate personalized dream scenarios from user input.
- Developed a responsive front-end with HTML, CSS, and JavaScript for an engaging user experience.
- Implemented backend API interactions to handle GPT-3 prompt customization, processing user input, and delivering scripts.

[tiilt Lab – SportSense Website](#) | JavaScript, React JS, Node JS, Figma

February 2024

- Designed and developed a website using Human-Computer Interaction principles to enhance user experience and accessibility.
- Created reusable React components and templates, ensuring consistent design and streamlining content updates.
- Conducted wireframing and prototyping in Figma, incorporating user feedback to refine navigation and visual hierarchy.

EXPERIENCE

Research Assistant

February 2024 - December 2024

Northwestern [tiilt Lab](#)

- Collaborated with professors and graduate students on web development and UX/UI design research, focusing on improving accessibility and usability.
- Designed and implemented responsive websites using HTML, CSS, and JavaScript to meet user-side and client-side needs.
- Built and optimized backend functionality using Python and SQL to manage databases and support dynamic web applications.

Lead Graphic Designer

April 2021 – On going

Northwestern [InkTank](#)

- Created digital and print clothing designs using Adobe Creative Cloud and PhotoShop.
- Collaborated with team members across several committees to create cohesive visuals for different clubs and organizations.
- Led creative brainstorming sessions to generate innovative design concepts tailored to target audiences.

Sales Associate

September 2020 – September 2023

Ollie's Bargain Outlet

- Managed inventory, restocking, and store maintenance to ensure a smooth customer experience.
- Worked closely with colleagues to streamline daily operations, leveraging strong communication skills to coordinate tasks.
- Consistently recognized by supervisors with the highest monthly sales award, demonstrating a strong work ethic and dedication.